

TA10iT

Rugged Tablet PC

User's Manual



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Copyright

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Regulatory Statement

Federal Communications Commission Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded interconnect cables and shielded AC power cable must be employed with this equipment to insure compliance with the pertinent RF emission limits governing this device. Changes or modifications not expressly approved by the system's manufacturer could void the user's authority to operate the equipment.

Declaration of Conformity

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions:

- This device may not cause harmful interference
- This device must accept any interference received, including interference that may cause undesired operation.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

SAR Value: 0.317W/kg

This device is operation in 5.15 – 5.25GHz frequency range, then restricted in indoor use only, Outdoor operations in the 5150~5250MHz is prohibit.

This device is slave equipment, the device is not radar detection and not ad-hoc operation in the DFS band.

Canada, Industry Canada (IC) Notices

This Class B digital apparatus complies with Canadian ICES-003 and RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has been evaluated for and shown compliant with the IC Specific Absorption Rate ("SAR") limits when installed in specific host products operated in portable exposure conditions.

Canada, avis d'Industry Canada (IC)

Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-210.

Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce périphérique a été évalué et démontré conforme aux limites SAR (Specific Absorption Rate – Taux d'absorption spécifique) d'IC lorsqu'il est installé dans des produits hôtes particuliers qui fonctionnent dans des conditions d'exposition à des appareils portables.

Battery Disposal

THIS PRODUCT CONTAINS A LITHIUM-ION OR NICKEL-METAL HYDRIDE BATTERY. IT MUST BE DISPOSED OF PROPERLY. CONTACT LOCAL ENVIRONMENTAL AGENCIES FOR INFORMATION ON RECYCLING AND DISPOSAL PLANS IN YOUR AREA.

CLASS 1 LASER PRODUCT

LASERSCHUTZKLASSE 1 PRODUKT TO EN60825

CAUTION: THIS APPLIANCE CONTAINS A LASER SYSTEM AND IS CLASSIFIED AS A "CLASS 1 LASER PRODUCT." TO USE THIS MODEL PROPERLY, READ THE INSTRUCTION MANUAL CAREFULLY AND KEEP THIS MANUAL FOR FUTURE REFERENCE. IN CASE OF ANY TROUBLE WITH THIS MODEL, PLEASE CONTACT YOUR NEAREST "AUTHORIZED SERVICE STATION." TO PREVENT DIRECT EXPOSURE TO THE LASER BEAM, DO NOT TRY TO OPEN THIS ENCLOSURE.

ANNEX IV

Symbol for the marking of electrical and electronic equipment

The symbol indicating separate collection for electrical and electronic equipment consists of the crossed-out wheeled bin, as shown below. The symbol must be printed visibly, legibly and indelibly.



CAUTION FOR ADAPTER

THIS TABLET PC IS FOR USE WITH DEDICATED AC ADAPTER.

BATTERY SAFETY

DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED.

REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER. DISPOSE OF USED BATTERIES ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.

CAUTION FOR RJ-45

The RJ-45 jack is not used for telephone line connection.

Before You Start

Congratulations on your purchase of this tablet PC.

This rugged tablet PC is portable and provides users with maximum mobile computing experience in a wide range of working environments. Before you begin using your tablet PC, read this chapter to familiarize yourself with the main components installed in the system.

Package Contents

If any of following items is damaged, please contact your retailer.



Tablet PC



Power adapter



Power cord



Stylus Pen



Hand-strap



NOTE

- The pictures are for reference only, actual items may slightly differ.

Features







- Intel Ivy Bridge CPU
- Rugged feature: 5 feet drop and dust/waterproof IP 65
- Multi-touch
- Two battery packs support 10~12 hrs battery life and hot swapping
- Support LTE
- Optional barcode scanner (support 1D/2D barcode reading)
- Optional Finger print scanner(FIPS 201)
- Optional UHF RFID reader support ISO 18000-6C

Components

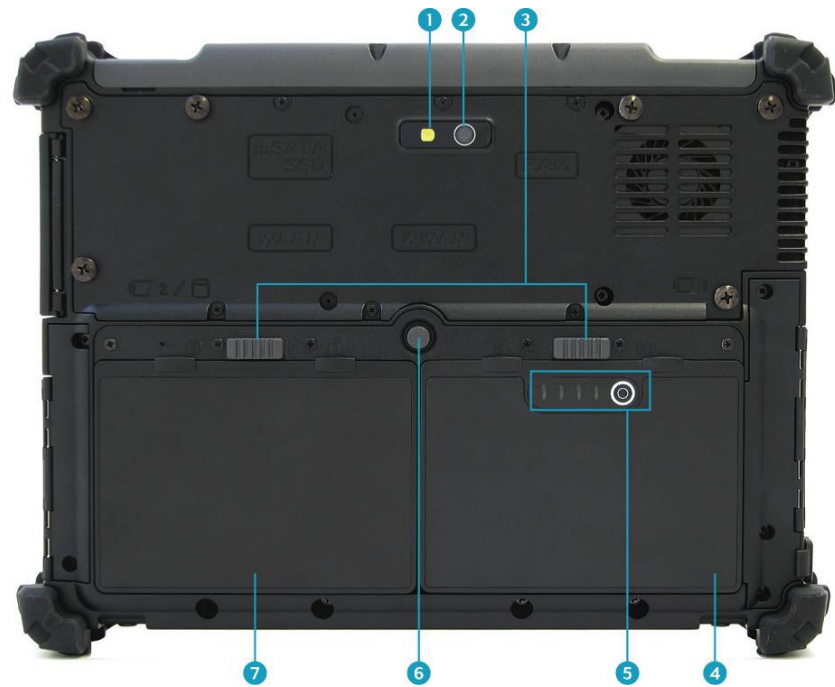
Front View



No.	Item	Description
1	Status Indicators (Power, Battery, HDD, Wireless)	Indicate the corresponding function status. See "Status Indicators" on page 15.
2	Camera	Use to take pictures.
3	Speaker	Emit sound.
4	Fingerprint Scanner	Scan your fingerprint to prevent access to your tablet PC by unauthorized users.
5	Scanner button	Press to trigger the Barcode scan function if the barcode scanner is on. It can also be assigned to launch a specific Windows-based program via Quick Menu.
6	Camera button	Press to activate the Camera function.
7	Power button	Press to power on and off the tablet PC.
8	Stealth mode button	Press to disable all emitting lights and sound. And, press again for resuming the above devices to the last states.

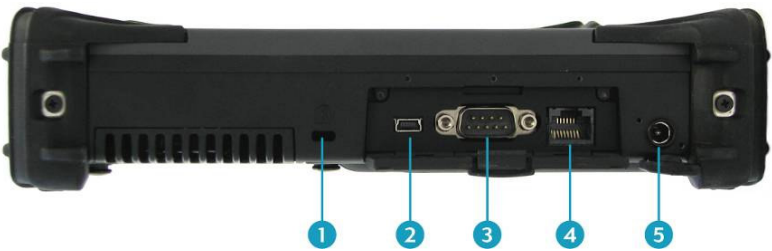
No.	Item	Description
9	Security button	Press to exit Windows and enter SAS (Secure Attention Sequence) mode.
10	Quick menu	Press to access the Quick menu.
11	Tab button	Press to emulate the <i>Tab</i> key.
12	Backspace button	Press to emulate the <i>Backspace</i> key.
13	Function button	<p>When Function Button is locked, use the other keys to perform special functions.</p> <ul style="list-style-type: none"> • <FN> + : Increase screen brightness. • <FN> + : Decrease screen brightness. • <FN> + : Increase audio volume. • <FN> + : Decrease audio volume. • <FN> + : Emulate the <i>Escape</i> key. • <FN> + <TAB>: Access your favorite program (Program1). • <FN> + : Access your favorite program (Program2).
14	Enter button	Press to emulate the <i>Enter</i> key.
15	Up button	Press to emulate the <i>Up</i> key.
16	Left button	Press to emulate the <i>Left</i> key.
17	Right button	Press to emulate the <i>Right</i> key.
18	Down button	Press to emulate the <i>Down</i> key.
19	Home button	Press to return to Home screen (for Windows 8 only).

Back View



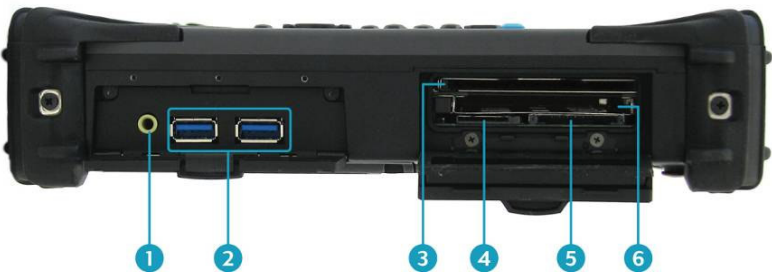
No.	Item	Description
1	Camera LED flash	Provide additional lighting when taking pictures under low light environment.
2	Camera	Use to take pictures.
3	Battery latch	Lock the battery in place.
4	Battery compartment	Contain the battery.
5	Battery LED indicator	Press the button to display the remaining battery power level.
6	Battery latch release button	Press and hold the button to slide the battery latch to the unlock position.
7	HDD compartment	Contain the hard disk drive. If you are using mSATA SSD, you can insert the second battery to this compartment.

Left View



No.	Item	Description
1	Kensington lock slot	Connect to a Kensington-compatible tablet PC security lock.
2	Mini USB port	Connect USB peripheral devices.
3	Serial port (RS-232)	Connect a peripheral device, such as a printer or other device with serial port.
4	LAN (RJ-45) port	Connect to a local area network (LAN) using an Ethernet cable.
5	DC-in jack	Connect the power adapter.

Right View



No.	Item	Description
1	Earphone jack	Connect headphones.
2	USB ports	Connect USB peripheral devices.
3	PC Card slot	Use to insert Type II PC Card
4	SIM card slot	Use to insert a SIM card for WWAN, Gobi 3000, or

Before You Start

No.	Item	Description
		LTE module connection.
5	Card reader	Use to insert memory cards to transfer pictures, music, and data between your tablet PC and flash compatible devices. The card reader supports SD (Secure Digital), SDHC, Mini-SD (with adapter).
6	Smart card reader	Use to insert smart cards.

Bottom View








No.	Item	Description
1	External GPS Antenna connector	Connect the tablet PC to an external GPS antenna when using a docking station.
2	External WWAN Antenna connector	Connect the tablet PC to an external WWAN antenna when using a docking station.
3	Docking station port	Connect the tablet PC to a docking station.

Status Indicators

The status indicators in the upper left corner of the tablet PC light up when a particular function of the tablet PC is active. Each indicator is marked with a symbol.



Icon	Item	Description
	Power	The LED always lights on (blue) when the system is running. When the system is in sleep mode, the LED blinks.
 	Battery	<p>Indicate the battery status:</p> <ul style="list-style-type: none"> • Green light means the battery is fully charged or the charging current is 0 for more than 3 minutes with the battery capacity higher than 95%. • Blinking green light means the system is calibrating the battery. • Orange light means the battery is being charged. • Blinking orange light means the battery is being charged but the battery temperature is out of charging range (0~60°C), the battery is being charged for more than 10 hours, or the charging current is 0 for more than 3 minutes with the battery capacity lower than 85%. • Blinking red light means the battery power is low (less than 7%).
	HDD	<p>Indicate the HDD or HDD heater status:</p> <ul style="list-style-type: none"> • Green light indicates the HDD activity (data is being read or written). • Blinking orange light means the heater of 2.5" HDD is heating.
	RF	Indicate the status of RF (WLAN, WWAN, Bluetooth, or GPS) communication. The LED always lights on (blue) when the function is enabled.

Getting Started

This chapter will guide you on how to use your tablet PC.

Powering Up Your Tablet PC

Your tablet PC can be powered up using the AC adapter or the Lithium-ion battery.

Connecting the AC Adapter

The AC adapter powers up your tablet PC and charges the battery.



1. Connect the AC adapter to the DC-in jack of your tablet PC.
2. Connect the AC adapter to the power cord.
3. Plug the power cord to an electrical outlet.

Using Battery Power

1. Install a charged battery in the battery compartment.
2. Remove the AC adapter (if plugged). Your tablet PC will automatically use the battery power.



NOTE

- If your tablet PC is connected to an electrical outlet and the battery is installed, your tablet PC uses power from the electrical outlet.

Installing the Batteries

To install the batteries, follow the steps below:

1. Align and insert the first battery to the battery compartment.
2. Push completely until the battery locks into place.



3. Slide the battery latch to the lock position to secure the battery.



4. Repeat Step 1 to 3 to insert the second battery.



Charging the Battery

The Lithium-ion battery is not fully-charged upon purchase.

To charge the battery, follow the steps below:

1. Install the battery to your tablet PC. See procedures above.
2. Connect the AC adapter to the DC-in jack of your tablet PC.
3. Connect the AC adapter to the power cord.
4. Plug the power cord to an electrical outlet.

Getting Started

Charging Time

Number of battery pack	Charging duration (at 25°C)
1	3 hours
2	6 hours



NOTE

- The charging time may be longer if you are using your tablet PC while charging the battery.

CAUTION

- DO NOT charge the battery if the temperature is below 0°C or higher than 60°C.
- Use only the supplied AC adapter. Using other AC adapters may damage the battery or your tablet PC.

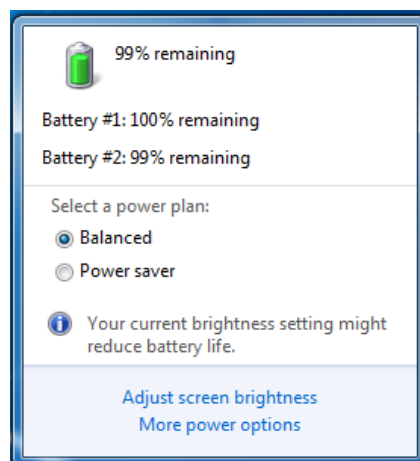
Checking the Battery Level

It is important that you monitor the battery status regularly to ensure you do not run out of power at a critical moment.

To check the remaining battery power, double tap the battery icon in the system tray.



The battery screen appears:



Checking the Battery Pack Power Level

You can check the battery level by pressing the *Battery Check* button.



The remaining battery power is indicated by the four **Green** LEDs.

Green LED status	Battery Capacity Status
1st LED lights up	$0\% \leq 25\%$
1st and 2nd LED light up	$25\% \leq 50\%$
1st, 2nd, and 3rd LED light up	$50\% \leq 75\%$
All four LEDs light up	$75\% \leq 100\%$

When to replace the Battery Pack

The battery performance gradually decreases over time and usage. We recommend you to replace your battery pack after 18 to 24 months of usage.

Removing the Batteries

To remove the batteries, follow the steps below:

1. Press and hold the battery latch release button to slide the second battery latch to the unlock position.



2. Remove the second battery out of the battery compartment.




Getting Started

3. Repeat Step 1 and 2 to remove another battery.



Starting Your Tablet PC

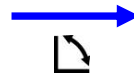
Turning On Your Tablet PC

Press the  button until the Power LED lights up.

Changing the Display Orientation

You can rotate the display orientation to suit your preference.

Press both **<Fn>** and **<7>** buttons to rotate the display 90° clockwise.



NOTE

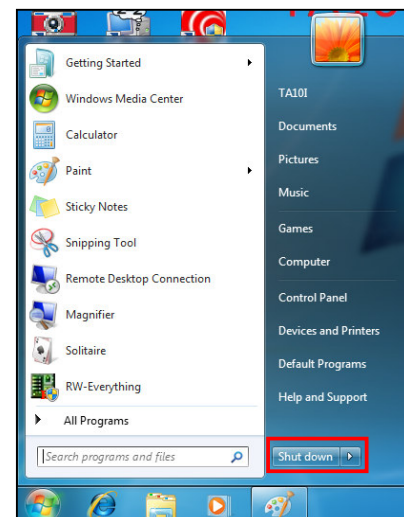
- You need to disable the *Auto Rotate* option in the Quick menu before pressing the shortcut buttons (**<Fn>** + **<7>**) to rotate the display.
- The screen can't be turned 180 and 270 degree clockwise to operate.

Shutting Down Your Tablet PC

It is important to properly shut down your tablet PC to avoid the loss of unsaved data. To shut down your tablet PC, do the following:

Tap **Start > Shut down**.

Wait for your tablet PC to turn off power completely before removing the power source (if necessary).



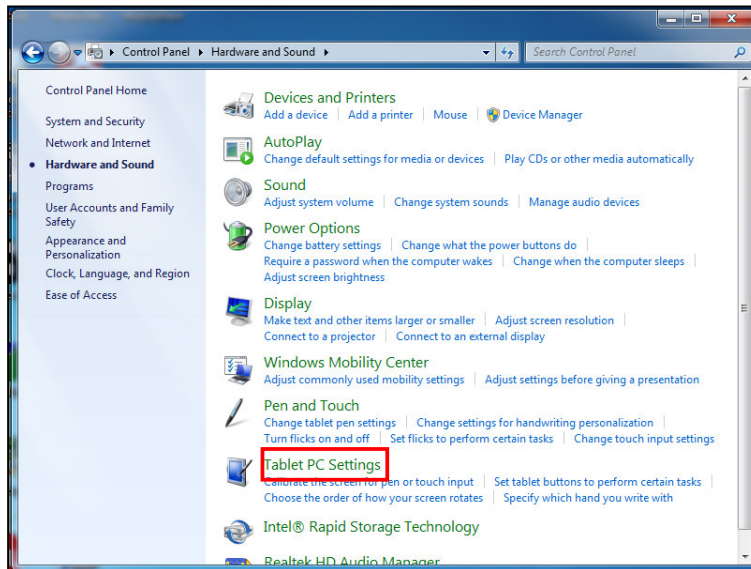
Using the Stylus

This tablet PC comes with an integrated stylus for accurate control input to the LCD touch panel and digitizer. You can use the stylus to point, select, or drag items or objects on the screen.

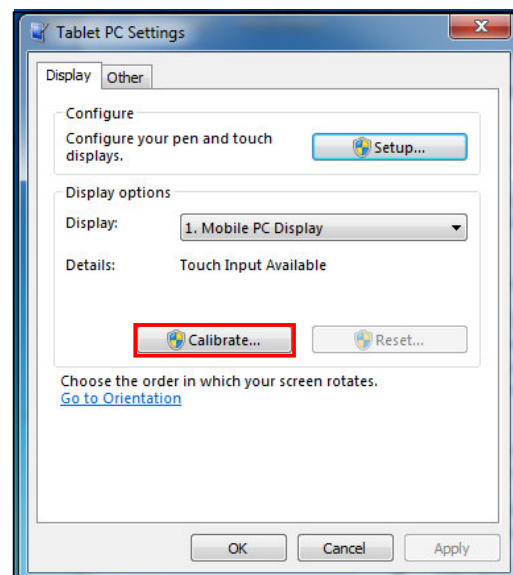
Calibrate the Screen

To ensure touch accuracy, calibrate the screen.

1. Tap **Start** > **Control Panel**.
2. Select **Hardware and Sound** > **Tablet PC Settings**.



3. Tap **Calibrate**.
4. Follow the on-screen instructions to complete screen calibration.





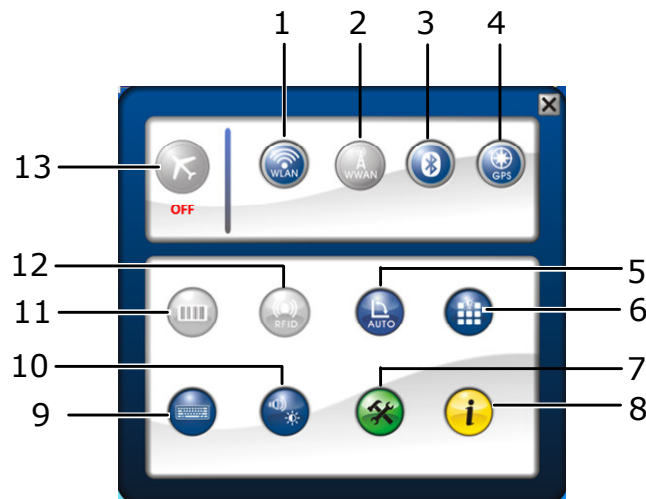
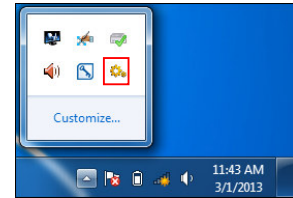
NOTE

- If the optional digitizer is enabled, use a pencil to do the touch panel calibration instead of using the digitizer pen.

Using the Quick Menu

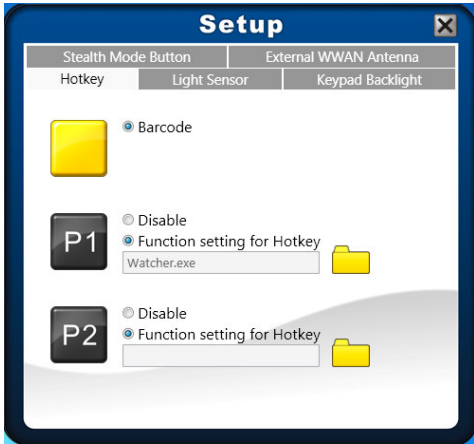
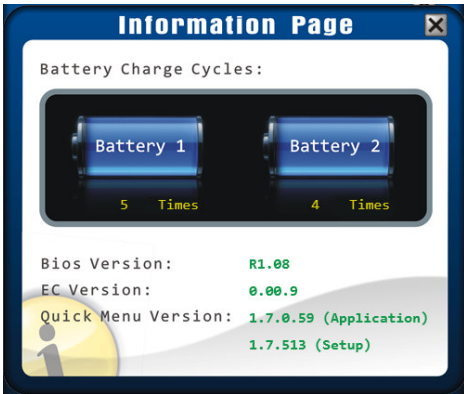
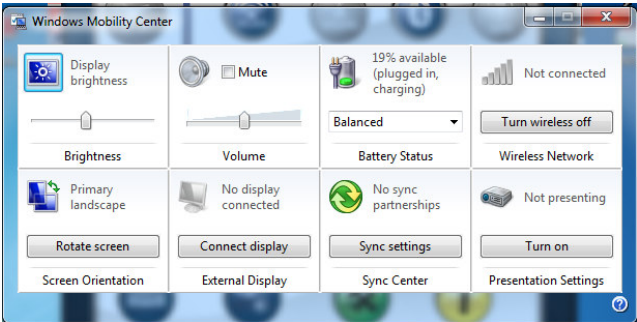
There are two ways to enter the Quick menu:


- Tap .
- Tap the arrow on the system tray to display hidden icons. Then tap the Quick Menu icon ().



No.	Item	Description
1	WLAN	Tap the icon to enable/disable the Wi-Fi (WLAN) function.
2	WWAN	Tap the icon to enable/disable the WWAN function.
3	Bluetooth	Tap the icon to enable/disable the Bluetooth function.
4	GPS	Tap the icon to enable/disable the GPS function.
5	Auto-rotate	Tap the icon to enable/disable the Auto-Rotate screen function.
6	Keypad Backlight	Tap the icon to turn the keypad backlight on/off.

Getting Started

No.	Item	Description
7	Setup	<p>Tap the respective tab to set hotkey, light sensor, keypad backlight, stealth mode button, and external WWAN antenna settings. For details, refer to “Configuring the SETUP Menu Settings”.</p> 
8	Information	<p>Tap the icon to view the battery charge cycle, Bios version, EC version, and Quick Menu version.</p> 
9	Keyboard	Tap the icon to display/hide the on-screen keyboard.
10	Mobility center	<p>Tap the icon to adjust brightness, screen orientation, volume, external display, battery status, sync, wireless network, and presentation settings.</p> 
11	Barcode	Tap the icon to trigger the Barcode Scanner function.
12	RFID	Tap the icon to trigger the RFID function.

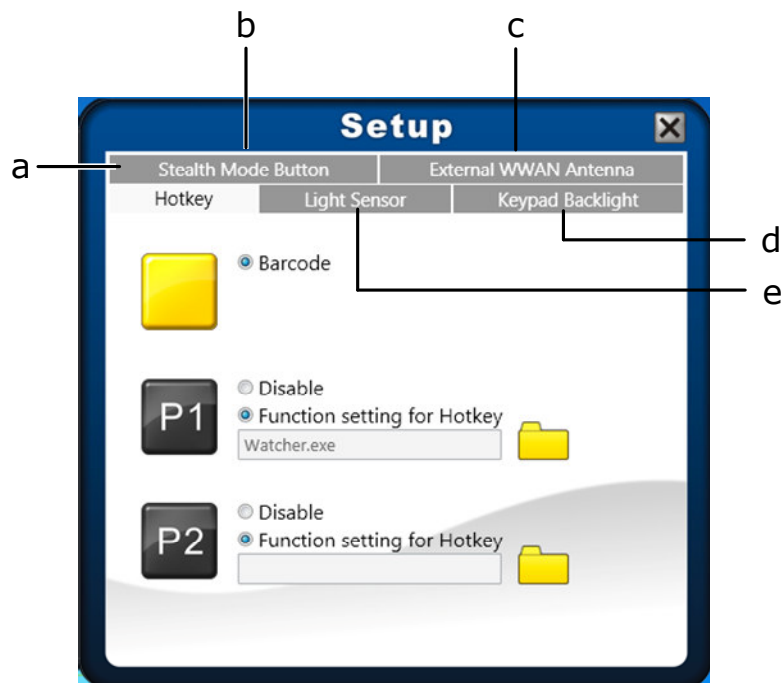
No.	Item	Description
13	Airplane mode	<p>Tap the icon to enable/disable airplane mode.</p> <p> NOTE</p> <ul style="list-style-type: none"> When the Airplane mode is enabled, the wireless network (WLAN and WWAN), Bluetooth, and GPS will be automatically disabled.

**NOTE**

- If the icon is gray (i.e. ) , this indicates the current function is disabled.

Configuring the SETUP Menu Settings

In Quick Menu, you can set the following settings via Setup menu:

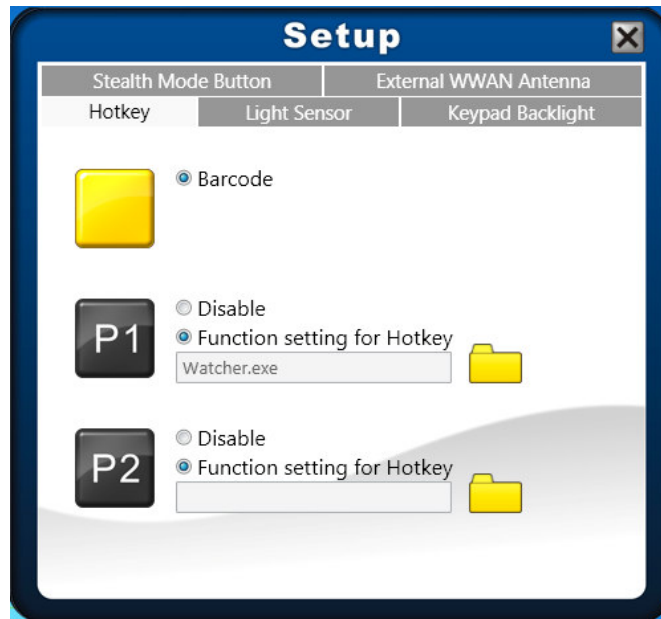



- a. Hotkey
- b. Stealth mode button
- c. External WWAN antenna
- d. Keypad backlight
- e. Light sensor

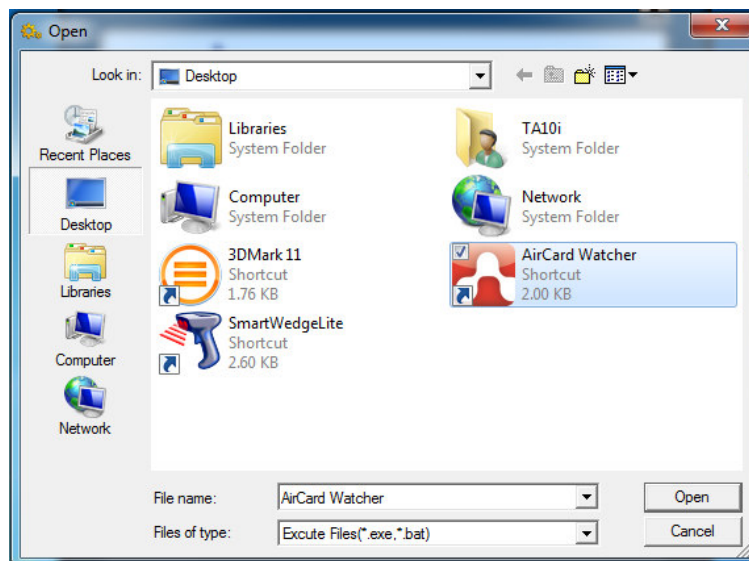
Getting Started

Configuring Hotkey

Tap the **Hotkey** tab to configure the scanner button or the **P1** and **P2** function buttons.

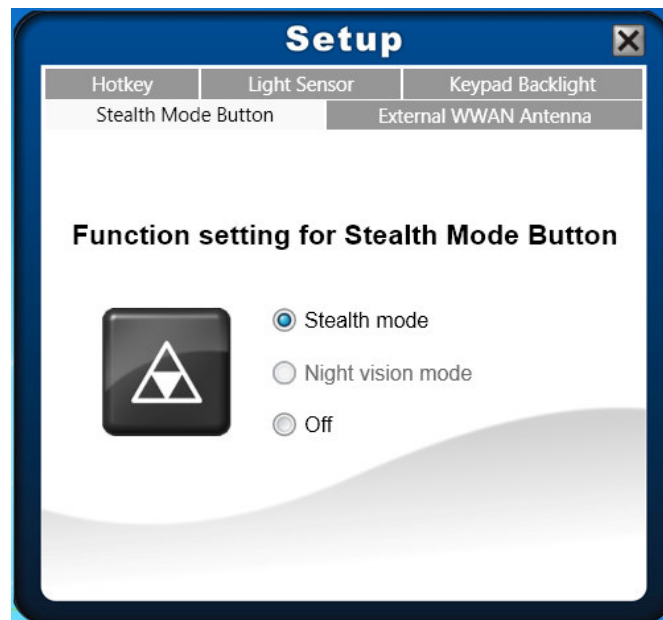


- If the device is not installed with a barcode scanner, the Scanner button (see page 10) can be set as a programmable button.
- To assign an application to the **P1** or **P2** button, do the following:
 - I. Tap the folder icon () to set up an application for the **P1** or **P2** button.
 - II. Select the desired application and tap **Open**.



Configuring Stealth Mode Button Setting

Tap the **Stealth Mode Button** tab to specify the Stealth mode button (see page 10) function.

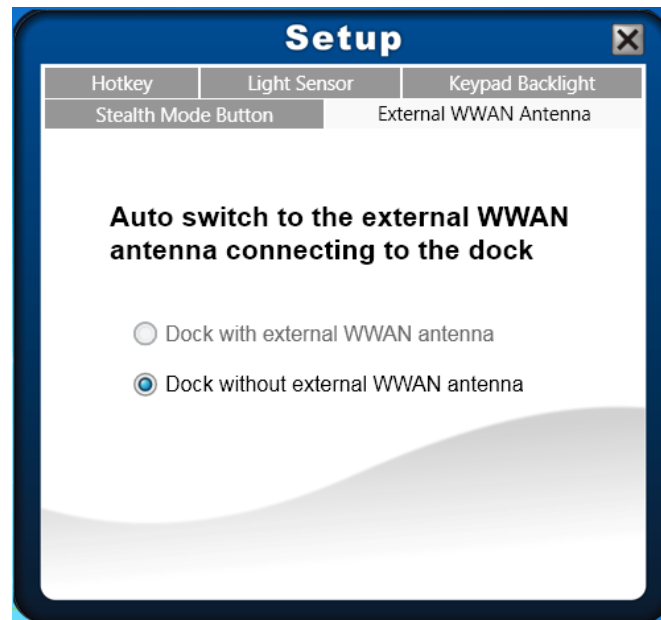


There are three available functions:

- **Stealth mode:** Turn off the LCD backlight, LEDs (LED indicators and keypad backlight), speakers, camera flash, and RF devices except GPS.
- **Night vision mode:** Adjust the brightness of the LCD under 1.7 nits and turn off the LEDs (LED indicators and keypad backlight) and camera flash.
- **Off:** Disable the stealth mode function.

Configuring External WWAN Antenna Switching Mode

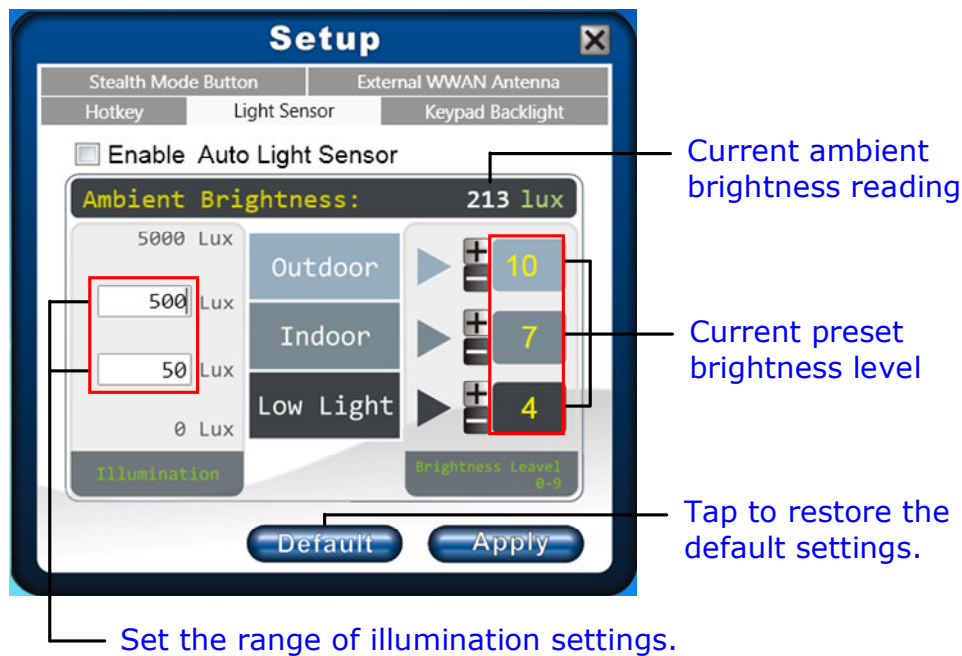
Tap the **External WWAN Antenna** tab to enable/disable the device to automatically switch to the external WWAN antenna when it is affixed on a docking station.



- **Dock with external WWAN antenna:** The device automatically switches to the external WWAN antenna when docking.
- **Dock without external WWAN antenna:** The device will disable the auto switch function to the external WWAN antenna when docking.

Configuring Light Sensor Settings

Tap the **Light Sensor** tab to enable/disable the automatic light sensor function, specify and adjust the brightness level.



To setup the light sensor settings, do the following:

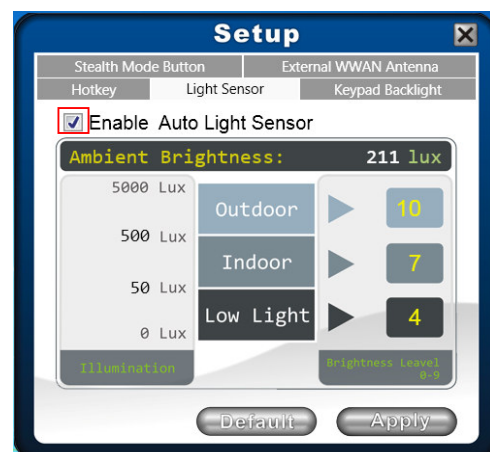
- To customize the illumination range according to the ambient lighting, enter the desired value in the first and second data box.

As an example in the above illustration:

- Outdoor (5000 ~ 500 lux)
- Indoor (500 ~ 50 lux)
- Low Light (50 ~ 0 lux).

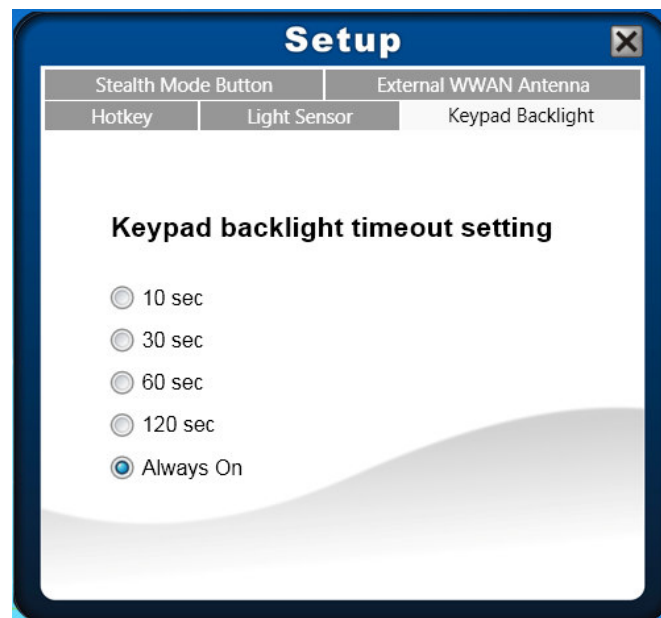
- To adjust the brightness level according to the ambient light, tap or to adjust the setting (0~10).
- To save all preset settings, tap **Apply**.
- To enable the automatic light sensor function, tap the **Enable Auto Light Sensor** checkbox.

The system will automatically adjust the LCD brightness according to the preset settings.



Configuring Keypad Backlight Timeout Setting

Tap the **Keypad Backlight** tab to adjust delay before the Keypad Backlight automatically goes off.




Tap the desired length of time. Your setting is automatically saved.

Using the Camera

This tablet PC supports **Durabook Camera Scan** application that enables users to take photos using the device camera.

Launch the application

There are two ways to launch the application:





- Double-click "DuraBook Camera Scan"  on desktop.
- Tap **Start** > **All Programs** > **DuraBook**.







Take Photos

Press the Record button  to capture the pictures.


View Photos

- Press the Forward or Backward button "/
" to view the recorded photos.
- Press the Play button "
" to switch to Playback mode.
- In Playback mode, press the Preview button "
" to switch back to Camera mode.


Delete Photos

1. Press the Play button " " to switch to Playback Mode.
2. Use the Forward or Backward button " /  " to select the photo that you want to delete.
3. Press the Delete button " " and then choose **Yes** to delete the current photo.

Record GPS Coordinates (Geotagging)

 is the GPS signal status located on the top right corner of the main program. GPS device must be implemented in the system for locating the positions and recording the coordinates when capturing photos. If GPS coordinates are not able to be received, the last coordinates would be used instead.

GPS status indicator

 GPS device is working properly

 GPS device is not available

 GPS signals are unstable

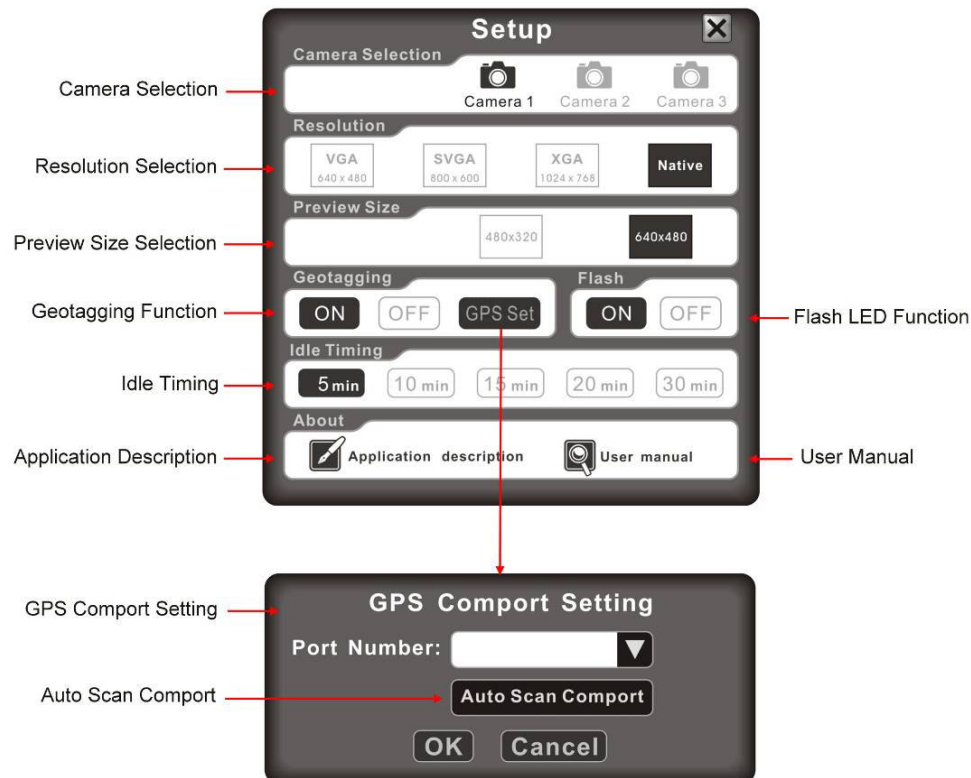
If the user decided to use the external USB GPS device, do the following:

1. Press the Setup button " " to enter the Setup menu.
2. Tap  > **Auto Scan Comport**.




The detected Port Number is displayed on the screen.



How to Make Adjustments on Features:


Press the Setup button  to enter the Setup menu.







Camera Selection:


There are three cameras that you can select:  Camera 1  Camera 2  Camera 3.

-  "Camera 1" – the camera is available and ready to use.
-  "Camera 2" – the camera is not available.

Press the Leave button  after you have chosen the desired camera.

Resolution:


There are four resolution options that you can select:  VGA  SVGA  XGA  Native.

If the Camera does not support these four resolutions, a "Change Resolution Error" message will appear on the screen. Press the Leave button  to exit.
(Native: maximum resolution)

Getting Started

Preview Size:

There are two preview size options that you can select:  .

Press the Leave button "" after you have chosen the desired preview size.

Geotagging:

Tap **ON** to enable the Geotagging feature.

Press the Leave button "" to exit.



NOTE

- The Geotagging feature will only be activated if the tablet PC is equipped with the GPS module.
- The camera logs the GPS position accurately if photos are taken outdoor.

Flash:





When capturing photos under the low light environment, tap **ON** to turn on the LED Flash.




NOTE

- The effective flash range is 50cm.

Idle Timing:

There are five Idle Timing options that you can select:    

.

Press the Leave button "" after you have chosen the desired time.



NOTE

- When the system is left idle for a certain period of time, the camera module(s) would then stop running. It would be up and running again once user wakes up the "DuraBook" application.

Using the Memory Cards

Your tablet PC supports different types of memory cards to provide faster data transfer. Supported types are as follows:

- SD card
- SDHC card
- Mini-SD card (with adapter)

Inserting a Memory Card

1. Push down and pull to open the I/O port cover.



2. With the label side down, push the memory card into the memory card slot until it clicks into place.

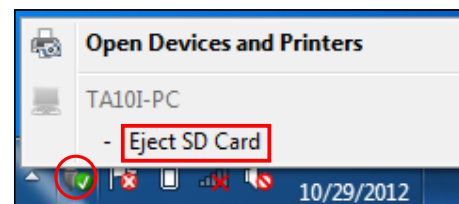


Removing a Memory Card

It is important to remove the memory card properly. Improper removal may cause the data in the memory card to be corrupted and your tablet PC to malfunction.

To properly remove the memory card, follow the steps below:

1. Tap the removable disk icon on the system tray.
2. Tap **Eject SD Card**.
The system confirms that the device can be safely removed.
3. Push the memory card to eject it.
4. Pull the card out from the slot.



Using the Smart Card

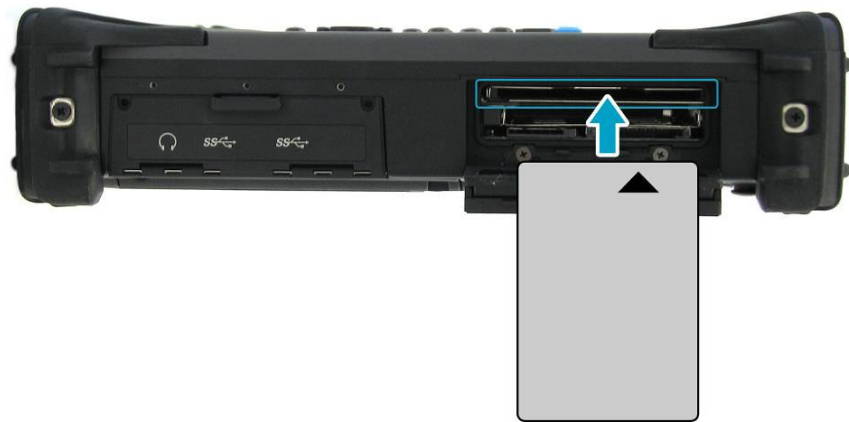
Your tablet PC is equipped with a built-in smart card reader that allows you to make secure purchases, store security information, and provide identification and information using a smart card.

Inserting a Smart Card

1. Push down and pull to open the I/O port cover.



2. Insert a smart card into the smart card slot.



Using the SIM Card

You can use a SIM card for wireless internet access.



NOTE

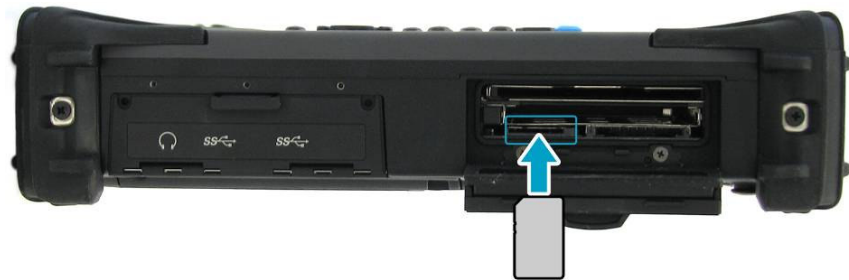
- Check the availability of service and plan rates of data connection with your network service provider.

Inserting a SIM Card

1. Push down and pull to open the I/O port cover.



2. Insert a valid SIM card into the SIM card slot until it clicks into place.



Using the PC Cards

Your tablet PC supports Type II PC Card, which can perform a variety of functions.



NOTE

- Refer to the PC Card manual for specific instructions on the card installation.

Inserting a PC Card

1. Push down and pull to open the I/O port cover.



2. Insert a PC card firmly into the PC card slot until it clicks into the connector.



Connecting to Wireless Connections



You can connect your tablet PC to a wireless local area network, WWAN, Bluetooth, or GPS.

Before using a wireless built-in device, you need to turn the respective built-in wireless functions on.


Connecting to a Wireless Local Area Network

Your tablet PC comes with a WLAN module. A wireless network can be added either when the network is detected or by manually entering the settings information.

To connect, follow the steps below:

1. Press the  button to open the Quick menu.
2. Tap the WLAN icon () to turn on the wireless network function.



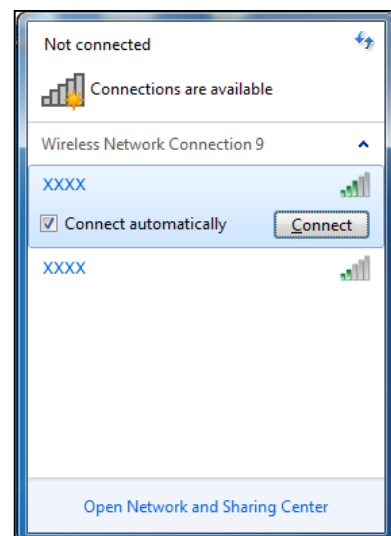
3. Tap the wireless network icon () on the system tray.
4. Available wireless network connections are displayed. Tap the desired wireless network.
5. Tap **Connect**.
Some networks require a network security key or a password.




TIP

Check **Connect automatically** box to automatically connect to this network when it is available.

6. Enter the network security key.
7. Tap **OK**.



Connecting to Wireless Connections

- After the connection is established, you can see the wireless icon () in the Notification area.






NOTE

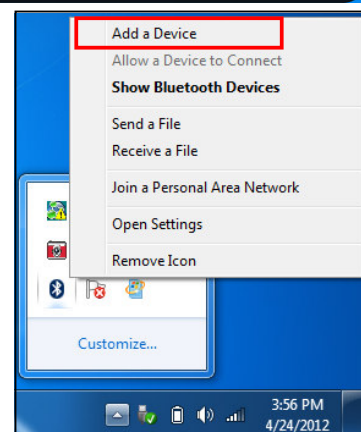
- Wi-Fi access requires service from a wireless service provider. Contact your service provider for more information.
- Actual wireless connectivity will depend on system configuration. Please contact your dealer for more information.

Connecting to a Bluetooth Device

Your tablet PC can connect and communicate with other Bluetooth-enabled devices.

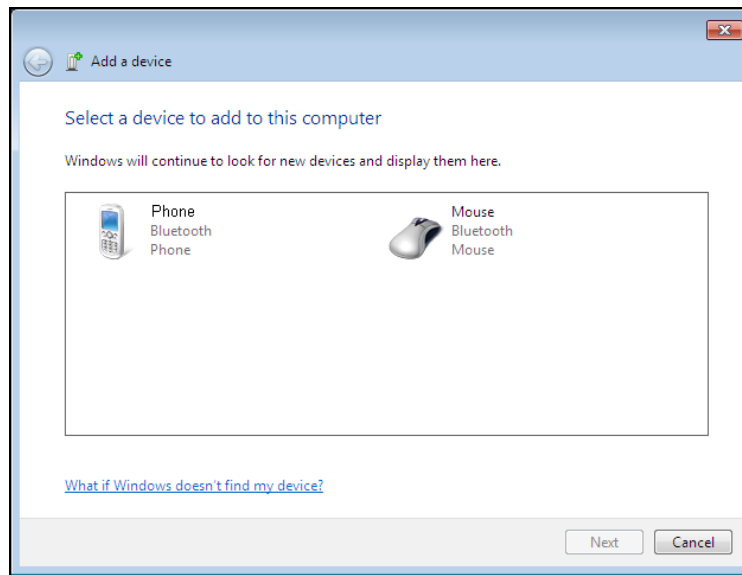
To add a device, follow the steps below:

- Press the  button to open the Quick menu.
- Tap the Bluetooth icon () to turn on the Bluetooth function.
- Tap the arrow on the system tray to display hidden icons.
- Tap the Bluetooth icon ().
- Tap **Add a Device**. The system starts scanning for Bluetooth devices and displays the available devices.

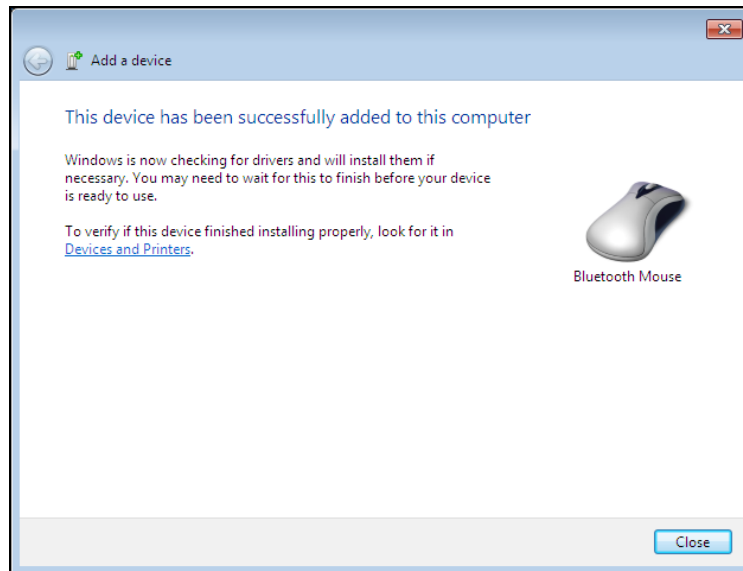


NOTE

- If the device that you want to add does not appear on the screen, please check if the device is turned on and discoverable.
- Tap on a device, then tap **Next** to continue.



7. Tap **Close** to complete the pairing connection.



NOTE




- Most Bluetooth-enabled devices need to be paired with your tablet PC. The PIN you enter on the tablet PC must be the same PIN to be entered on the other Bluetooth device.
- Once a partnership has been created, connecting to that device again will no longer require entering the PIN.

Connecting to a Wireless Wide Area Network (WWAN)

Connecting to Wireless Connections

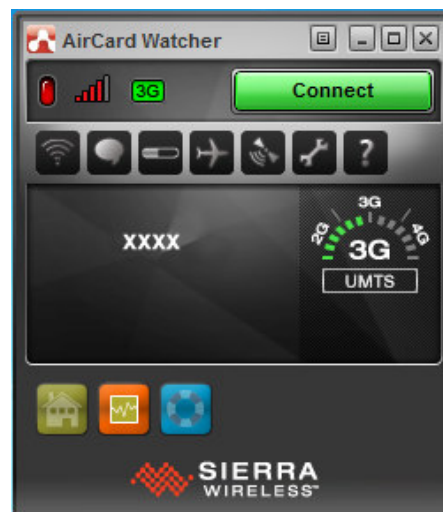
With **WWAN** function, it allows your tablet PC to connect to the Internet using mobile or cellular data networks.

To enable the function, follow the steps below:

1. Insert a valid SIM card into the SIM card slot. See "Inserting a SIM Card" on page 37.
2. Press the  button to open the Quick menu.
3. Tap the WWAN icon () to turn on the WWAN function.
4. Launch **AirCard Watcher** application.
 - On Windows desktop, tap "AirCard Watcher" (.
 - Tap **Start** > **AirCard Watcher**.
5. Tap **Connect** to enable the Internet connection via mobile data network.



6. To disconnect the connection, tap **Disconnect**.



Using the BIOS Setup Utility


Your tablet PC has a BIOS setup utility which allows you to configure important system settings, including settings for various optional functions of the tablet PC. This chapter explains how to use the BIOS setup utility.

BIOS Setup Menu

The BIOS Setup Utility allows you to configure your tablet PC basic settings. When you turn your tablet PC on, the system reads this information to initialize the hardware so that it can operate correctly. Use the BIOS setup utility to change your tablet PC start-up configuration. For example, you can change the security and power management routines of your system.

Starting the BIOS Setup Utility

You can only enter the BIOS setup utility as the tablet PC is booting, that is between the time you turn on the tablet PC and before the Windows interface appears.

If your tablet PC is already on, shut down your tablet PC completely (power off) and restart it and then press the  button to enter the setup utility.

Navigating and Entering Information in BIOS

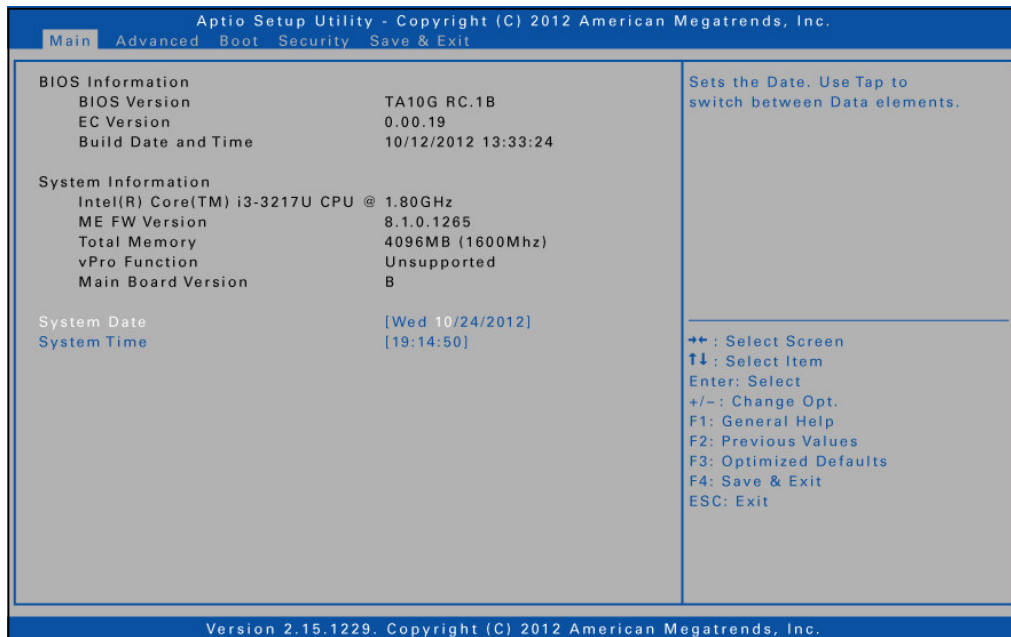
Use the following keys to move between fields and to enter information:

Tablet Keypad	External Keyboard	Description
◀ / ▶	← →	Selects screen.
▲ / ▼	↓ ↑	Moves up/down to select items.
↵	Enter	Confirms the selection and enters the selected menu screen.
+ / -	+ / -	Changes an option for the selected items.
-	F1	Displays the Help screen.
-	F2	Invokes the previous values.
-	F3	Loads optimized default values.
-	F4	Saves the changes and exits Setup.
<Fn> + <9>	Esc	Exits any section. If you wish to exit the BIOS utility without saving changes or go to the main menu, then press this key.

Users are allowed to enter new values to replace the default settings in certain fields, and the rest of the fields are specified by system default parameters and cannot be modified by users. Reverse the attribute of the main options and press the ↵ button to enter into the submenu. Press both <Fn> + <9> buttons to return to the previous configuration page.

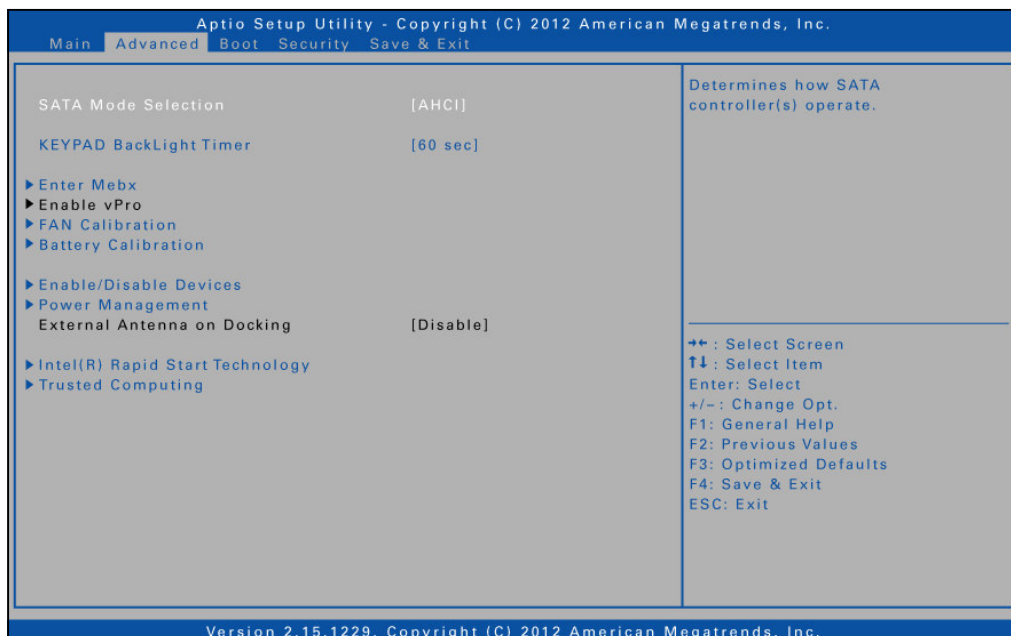
Main Menu

The Main menu displays the system overview information about BIOS version, CPU features, and total memory size. You can also set the system date and time.



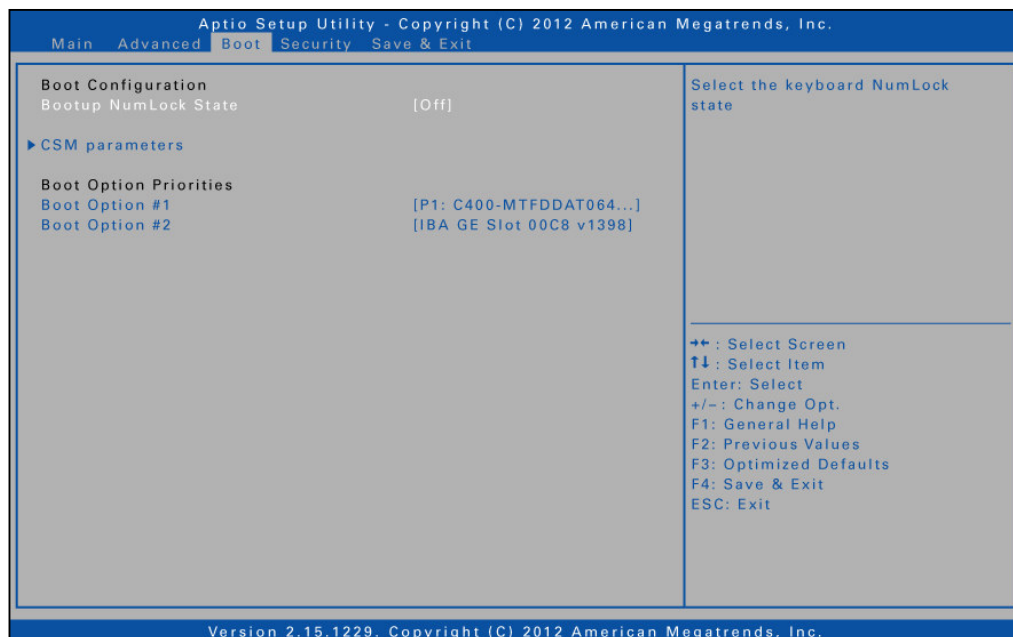
Advanced Menu

The Advanced menu allows you to select SATA mode, set the keypad backlight timer, BIOS hotkey press, calibrate fan and battery, and configure devices, power management, Intel Rapid Start Technology, and Trusted Computing settings.



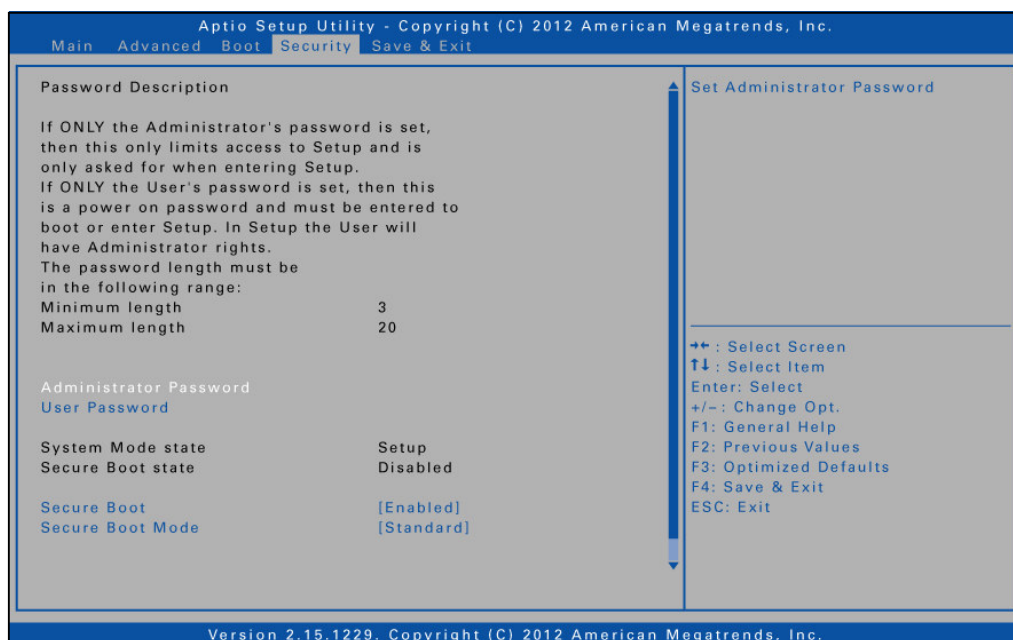
Boot Menu

The Boot menu allows you to configure the boot type and boot sequence.



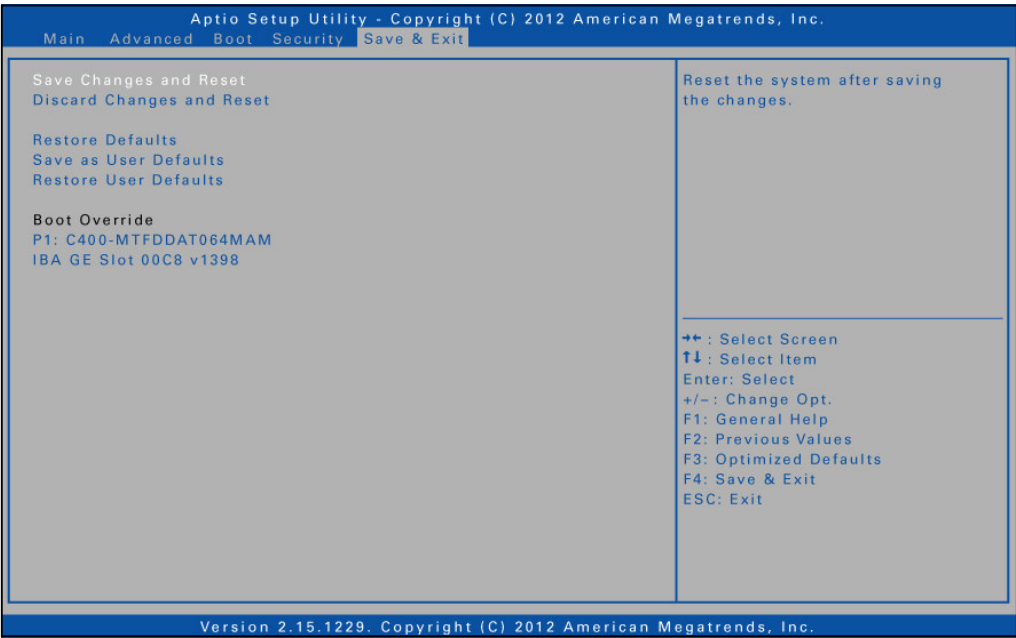
Security Menu

The Security menu allows you to set or change the Administrator and User passwords, and configure Secure Boot settings.



Save & Exit Menu

The Save & Exit menu allows you to save or discard the changes, or restore the default values for all setup options before leaving the BIOS Setup Menu.



Specifications

Features		Specifications
Processor	Type & Speed	<ul style="list-style-type: none"> i3-3217UE 1.6 GHz with 3MB L3 Cache i7-3517UE 1.7 GHz with 4MB L3 Cache i5-3427U 1.8 GHz with 3MB L3 Cache
Chipset		QM77
System Memory	Type	Two 204-pin SODIMM sockets each for DDRIII1600 2GB, 4GB, 8GB
	Maximum Memory	16GB
Display	Display	Standard : <ul style="list-style-type: none"> 10.4" XGA (1024x768) LCD with resistive multi-touch panel Sunlight readable: <ul style="list-style-type: none"> 10.4" XGA (1024x768) High brightness LCD with sunlight readable resistive multi-touch panel
	Screen Auto-rotation	Support screen auto-rotation
	Light Sensor	Built-in ambient light sensor
	Digitizer	Optional 10.4" Digitizer with active stylus Auto switch between digitizer and touch input
Storage	SSD	<ul style="list-style-type: none"> mSATA SSD 64/128 GB Optional 2.5" 9.5mm SATA HDD 320/500/750GB
I/O Devices	Expansion Slot	<ul style="list-style-type: none"> PCMCIA Optional Smart card reader SD card slot (SDHC)
	Camera	<ul style="list-style-type: none"> Front facing 1.3M pixel camera Optional rear facing 5M pixel auto-focus camera
	Barcode scanner	Optional Barcode scanner, support 1D, 1D/2D barcode
	RFID	Optional UHF RFID reader support ISO 18000-6C
	Finger Print Scanner	Optional Finger print scanner which pass FIPS 201
	Communications	Internal 10/100/1000M bit Ethernet LAN
		Intel WiFi 6235 module that supports 802.11a/b/g/n and Bluetooth

Features		Specifications
		Optional WWAN (Gobi 3000 or LTE module)
		Optional GPS
	I/O Ports	<ul style="list-style-type: none"> ◀ Left Side I/O: RS-232x1(Support 5 Voltage), RJ 45x1,mini USBx1, DC-inx1 ◀ Right Side I/O: USB 3.0x2, Audio out (For headphone)x1 ◀ Optional RF connectors for external WWAN and GPS antennas
Audio		HD Audio One speaker Analog Mic. Array (With 2 Microphones)
Power	AC/DC Adapter	AC power input:100V-240V,50Hz-60Hz, 65W ;output:19V Compliant with Energy Star 5.2
	Battery Life	One 6 cells battery pack (5200mAh, 57.72 W) is 5~6 hrs.
	Second Battery	Support optional second Battery 2nd battery is available if main-storage is mSATA SSD
Environment	Operating Temperature	-20℃ ~ 60℃
	Storage Temperature	-51~71℃
	Operating Humidity	5% ~ 95%
	Drop	26 drops with 5 feet high to 2" plywood over concrete, unit on with SSD
	Dust Proof/Water Sealing	IP65
	Vibration	Mil Std 810G 514.6 Procedure I category 24 Figure 514.6E-1 (Transportation) General Minimal Integrity, unit on with SSD
	Salt fog	Mil Std 810G 509.5
Operating System		Windows 7 32 bit , 64 bit version Window 8
Security		TPM 1.2 Kensington Lock slot Intel AT or Computrace
Dimensions		285.6(W)X221.5(H)X41.5(D)mm/11.2(W)x8.7(H)x1.6 inch
Weight		Weight: 2.3 Kg/5 Pound

Specifications are subject to change without prior notice.